

# **ABSTRACT**

The present invention relates to the use of films,  
5 formed from an adhesive layer and a layer (A), for  
coating articles made of a thermoset, the adhesive  
layer comprising, by weight: 0 to 60 parts of PVDF, 10  
to 100 parts of functionalized PMMA, 0 to 50 parts of  
an acrylic elastomer and 0 to 4 parts of a UV absorber,  
10 the total making up 100 parts, the layer (A)  
comprising, as main constituents, 0 to 100 parts of  
PVDF per 100 to 0 parts of PMMA, respectively.

This film may be manufactured by coextrusion and is  
15 then fixed to the thermoset, for example by hot  
pressing. The film may also be deposited in a mould,  
the layer (A) being placed against the wall of the  
mould, then to inject the precursor of the thermoset  
into the mould (i.e. on the adhesive layer side) and  
20 then to cause crosslinking in order to obtain a  
thermoset coated with the layer (A).

The invention also relates to an SMC (Sheet Moulding  
Compound) multilayer structure comprising, in this  
25 order: a backing film, a crosslinkable composition (the

precursor of the thermoset), the above adhesive layer and the above layer (A).

The SMC structure is cut as required, the backing film  
5 is peeled off, the structure is placed in a mould and then the crosslinking is carried out in order to obtain an article made of a thermoset covered with a film of the layer (A).